

A U T O M A T I C

C O U N T E R S

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MONTANA

MONTANA
AUTOMATIC COUNTERS 1966

Prepared by the
MONTANA STATE HIGHWAY COMMISSION
PLANNING SURVEY SECTION

In cooperation with
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

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I N T R O D U C T I O N

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1966. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A Total of 37 automatic traffic counters were in operation during 1966 or will be returned to operation as soon as construction is complete at the location.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th, and the 50th highest hours that occurred during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous five years and 1941 as to stability and accuracy.

The 37 counters are distributed to the Highway System as follows:

9 on Interstate Rural

4 on Secondary System

16 on Primary Rural

2 on Arterial City Streets

3 on Primary Urban

3 on Interstate Frontage Roads

30th MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1

LOCATION I-90 10.0 miles east of Missoula

YEAR 1966

Montana Pass Cars 61.3 %

FACTORS INFLUENCING THE TRAFFIC PATTERN
Foreign Pass Cars 26.4 %

Commercial 12.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1754	1396	1366	1424	1432	1653	1497	1507	1451	103.86	55.37
February	1769	1416	1498	1436	1494	1883	1770	1610	1546	114.14	59.16
March	2243	1668	1626	1653	1692	2015	1975	1821	1721	105.81	66.91
April	2629	2008	1859	1893	1986	2378	2354	2172	2041	106.42	79.81
May	3307	2628	2359	2233	2329	2958	3084	2706	2501	108.20	99.43
June	4656	3737	3631	3492	3516	4084	4449	3921	3692	106.20	144.08
July	4774	4328	4165	4196	4203	4651	4784	4469	4322	103.40	164.21
August	4936	4370	4306	4425	4337	4780	4859	4557	4439	102.66	167.44
September	3679	3143	2921	2978	2962	3450	3667	3259	3108	104.86	119.75
October	3009	2262	2279	2355	2424	2945	2787	2590	2444	105.97	95.17
November	2698	1805	1899	2074	2121	2326	2402	2176	2040	106.67	79.96
December	1668	1785	1803	1830	1889	2162	1878	1870	1906	98.11	68.71
Daily average for year	3094	2546	2476	2499	2532	2938	2959	2722	2601	104.65	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-1

ROUTE I-90 & US 12 East of Missoula

TRAFFIC TYPE Interstate - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2,238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	264	11.7
1962	2,651	406	15.3	390	10.7	383	14.4	375	14.1	370	14.0	368	13.9
1963	2,514	398	15.8	340	13.5	331	13.2	324	12.9	321	12.8	317	12.6
1964	2,388	398	16.7	354	14.8	348	14.6	344	14.4	340	14.2	336	14.1
1965	2,495	376	15.1	358	14.3	349	14.0	344	13.8	339	13.6	336	13.5
1966	2,722	410	15.1	380	14.0	364	13.4	359	13.2	355	13.0	352	12.9
1967													
1968													
1969													
1970													
Average	2,323	381	16.4	333	14.3	322	13.9	317	13.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2-A
 LOCATION US 12 and Mont. 287 - 0.5 miles east of East Helena

YEAR 1966

Montana Pass Cars 75.4 %

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Foreign Pass Cars 17.4 %

Commercial 7.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1705	1101	1042	1038	1035	1356	1289	1237	1114	111.04	58.00
February	1964	1172	1172	1140	1200	1544	1627	1403	1246	112.60	65.79
March	2273	1378	1278	1244	1335	1717	1794	1546	1377	112.27	72.49
April	2716	1662	1584	1535	1713	2137	2237	1957	1746	112.08	120.93
May	3844	2385	1959	1922	2089	2733	3011	2579	2213	116.54	143.95
June	4471	2807	2666	2587	2660	3111	3411	3070	2753	111.51	160.46
July	4355	3421	2915	2809	2826	3397	3886	3422	3089	110.78	140.67
August	3918	2803	2650	2719	2764	3139	3218	3000	2803	107.03	114.13
September	3289	2531	2031	1955	2091	2503	2706	2434	2229	109.20	93.17
October	2585	1665	1646	1650	1781	2151	2287	1987	1773	112.07	72.16
November	1824	1324	1327	1355	1511	1731	1854	1539	1430	107.62	66.49
December	1453	1398	1338	1332	1320	1544	1513	1418	1391	101.94	
Daily average for year	2866	1971	1801	1774	1860	2255	2403	2133	1930	110.52	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-2-A

ROUTE US 12 & Montana 287
East of East Helena
 TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1962	1958	363	18.5	334	17.1	320	16.3	310	15.8	303	15.5	298	15.2
1963	1873	331	17.7	287	15.3	279	14.9	270	14.4	260	13.9	254	13.2
1964	2032	403	19.8	359	17.7	341	16.8	330	16.2	326	16.0	323	15.9
1965	2117	482	22.8	399	18.8	383	18.1	372	17.6	357	16.9	346	16.3
1966	2133	463	21.7	416	19.5	383	18.0	371	17.4	356	16.7	347	16.3
1967													
1968													
1969													
1970													
Average	1989	386	19.4	342	17.2	326	16.4	317	15.9	307	15.4	301	15.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-3-A
 LOCATION US 2 and 87 - 1.3 miles west of Havre

YEAR 1966

Montana Pass Cars 79.9 %

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Foreign Pass Cars 10.7 %

Commercial 9.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1659	1956	1906	1907	1978	2288	1992	1947	2004	97.16	71.83
February	2170	2219	2135	2212	2166	2401	2412	2245	2226	100.85	82.82
March	2308	2584	2439	2318	2330	2620	2426	2425	2446	99.14	89.46
April	2667	2624	2437	2476	2536	2972	2833	2666	2626	101.52	98.35
May	2995	2791	2829	2744	2834	3173	3208	2932	2868	102.23	108.17
June	3230	3316	3242	3276	3297	3424	3265	3292	3309	99.49	121.45
July	3743	3635	3722	3686	3743	3856	3800	3746	3734	100.32	138.19
August	3508	3750	3395	3474	3486	3704	3430	3536	3559	99.35	130.45
September	3168	2829	2696	2702	2805	3195	3185	2944	2860	102.94	108.61
October	2494	2500	2514	2573	2552	3085	2835	2646	2638	100.30	97.61
November	2095	2028	2223	2049	2217	2404	2484	2209	2180	101.33	81.49
December	1614	1881	1997	1952	1902	2136	2038	1940	1978	98.08	71.57
Daily average for year	2638	2676	2628	2614	2654	2938	2826	2711	2702	100.33	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-3-A

ROUTE US 2 - East of Havre

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	863	167	19.4	134	15.5	124	14.3	118	13.7				
1961	2,248	340	15.1	255	11.3	238	10.6	230	10.2	227	10.1	224	10.0
1962	2,326	266	11.4	259	11.1	249	10.7	243	10.4	241	10.4	239	10.3
1963	2,408	410	17.0	268	11.1	254	10.5	248	10.3	244	10.1	240	10.0
1964	2,466	410	16.6	287	11.6	276	11.2	270	10.9	263	10.7	258	10.5
1965	2,586	363	14.0	293	11.3	281	10.9	275	10.6	272	10.5	269	10.4
1966	2,711	364	13.4	311	11.5	300	11.1	294	10.8	287	10.6	283	10.4
1967													
1968													
1969													
1970													
Average	2,230	331	14.8	258	11.6	246	11.0	240	10.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4-A

YEAR 1966

LOCATION U.S. 10 & 12 - 1.5 miles west of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 64.4 %

Foreign Pass Cars 21.9 %

Commercial 13.7 %

Month	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Month Daily Average is af the Year Daily Average
	Day af Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	736	821	864	779	728	889	717	782	809	96.66	70.57
February	841	786	829	798	787	917	832	827	823	100.49	74.63
March	978	876	915	799	792	954	891	881	863	102.09	79.50
April	1102	968	980	904	959	1140	1076	1024	997	102.71	92.41
May	1345	1086	1049	994	1023	1288	1371	1165	1086	107.27	105.13
June	1498	1412	1406	1347	1375	1428	1460	1414	1391	101.65	127.60
July	1475	1469	1575	1512	1483	1559	1493	1509	1521	99.21	136.17
August	1429	1486	1519	1468	1480	1553	1427	1481	1500	98.73	133.64
September	1190	1192	1200	1127	1214	1287	1267	1213	1208	100.41	109.46
October	1115	1052	1117	1078	1157	1243	1175	1132	1126	100.53	102.15
November	897	948	992	980	947	1032	1041	977	980	99.69	88.16
December	804	864	918	879	867	981	918	893	904	98.78	80.58
Daily average far year	1118	1080	1114	1055	1068	1189	1139	1108	1101	100.64	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-4-A

ROUTE US 10 & 12 West of Miles City

TRAFFIC TYPE Primary Approach

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1,771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1962	1,814	236	13.0	222	12.2	219	12.1	213	11.7	210	11.6	206	11.4
1963	1,320	194	14.7	159	12.0	148	11.2	143	10.8	140	10.6	139	10.5
1964	1,195	194	16.2	162	13.6	149	12.5	145	12.1	143	12.0	140	11.7
1965	1,137	248	21.8	142	12.5	131	11.5	125	11.0	123	10.8	120	10.6
1966	1,108	143	12.9	128	11.6	125	11.3	122	11.0	120	10.8	119	10.7
1967													
1968													
1969													
1970													
Average	1,409	225	16.0	176	12.5	166	11.8	161	11.4				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5-A

YEAR 1966

LOCATION Montana 7 - 1.0 miles south of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 65.0 %

Foreign Pass Cars 9.3 %

Commercial 25.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	514	575	585	540	564	635	547	562	577	97.40	86.82
February	572	566	561	577	548	598	577	571	570	100.18	88.21
March	618	626	583	593	574	597	622	600	593	101.18	92.69
April	623	619	568	610	617	631	706	628	610	102.95	97.01
May	745	671	640	636	651	749	710	689	672	102.53	106.44
June	740	636	651	672	678	733	800	699	674	103.71	107.98
July	730	695	682	701	676	731	727	708	698	101.43	109.37
August	779	788	769	760	745	760	775	768	765	100.39	118.64
September	673	627	671	650	650	728	697	672	667	100.75	103.81
October	693	672	653	668	652	703	716	681	670	101.64	105.20
November	583	592	603	622	572	633	629	605	605	100.00	93.46
December	528	583	603	586	575	637	578	585	598	97.83	90.37
Daily average for year	650	638	631	635	625	678	674	647	642	100.78	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-5

ROUTE Montana 7 South of Wibaux

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1962	582	118	20.2	77	13.2	68	11.7	66	11.3	65	11.2	63	11.0
1963	595	182	30.5	95	16.0	81	13.6	75	12.6	72	12.1	69	11.6
1964	604	182	30.1	120	19.9	93	15.4	85	14.1	79	13.1	75	12.4
1965	623	247	39.6	98	15.7	84	13.5	79	12.7	75	12.0	73	11.7
1966	647	127	19.6	84	13.0	77	11.9	73	11.3	70	10.8	68	10.5
1967													
1968													
1969													
1970													
Average	544	144	26.5	84	15.4	72	13.2	68	12.5				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6-A
 LOCATION FAS 288 - 0.5 miles south of Manhattan

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Mantana Pass Cars 84.7 % Foreign Pass Cars _____ % Commercial 15.3 %

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	285	309	399	311	406	357	345	342	354	96.61	83.33
February	318	343	331	349	367	338	372	345	345	100.00	84.06
March	376	396	399	387	393	394	383	390	393	99.24	95.03
April	406	420	454	422	459	453	478	443	442	100.23	107.94
May	457	484	447	453	463	466	404	455	463	98.27	110.86
June	431	433	445	458	470	467	393	444	456	97.37	108.18
July	386	491	458	444	429	417	417	432	446	96.86	105.26
August	388	456	446	433	432	421	400	427	439	97.27	104.04
September	350	358	405	398	453	414	395	398	408	97.55	96.97
Octaber	359	419	437	459	564	465	426	443	467	94.86	107.94
November	317	373	428	460	441	423	425	412	427	96.49	100.39
December	281	405	422	364	431	423	411	394	411	95.86	96.00
Daily average for year	363	407	423	412	442	420	404	410	421	97.39	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-6

ROUTE FAS 288 South of Manhattan

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A. D. T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1962	351	131	37.3	61	17.4	55	15.7	52	14.8	50	14.2	49	14.0
1963	369	133	36.0	79	21.4	71	19.2	65	17.6	62	16.8	59	16.0
1964	351	83	23.6	74	21.1	68	19.4	64	18.2	61	17.4	60	17.1
1965	375	168	44.8	61	16.3	56	14.9	53	14.1	51	13.6	50	13.3
1966	410	108	26.3	64	15.6	59	14.4	56	13.7	54	13.2	52	12.7
1967													
1968													
1969													
1970													
Average	348	122	35.0	65	18.7	58	16.7	54	15.5				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7-A

YEAR 1966

LOCATION U.S. 91 - 2.0 miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 67.9 %

Foreign Pass Cars 18.2 %

Commercial 13.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	912	819	843	759	769	950	748	828	827	100.12	64.99
February	1185	840	902	909	897	1138	947	974	937	103.95	76.45
March	1500	999	999	995	1075	1227	1155	1125	1054	106.74	88.30
April	1572	1245	1230	1168	1271	1432	1318	1323	1277	103.60	103.85
May	1832	1305	1219	1166	1233	1471	1511	1397	1277	109.40	109.66
June	2124	1531	1448	1407	1487	1767	1753	1625	1511	107.54	127.55
July	1967	1714	1572	1537	1480	1654	1640	1665	1599	104.13	130.69
August	2094	1603	1578	1575	1647	1836	1770	1715	1639	104.64	134.62
September	1780	1409	1183	1146	1233	1447	1528	1386	1289	107.53	108.79
October	1450	1100	1104	1093	1164	1360	1186	1214	1164	104.30	95.29
Navember								*1068	*1038	102.89	83.83
December	853	920	970	988	1025	1079	919	968	1000	96.80	75.98
Daily average for year	1492	1226	1186	1158	1207	1396	1316	1274	1218	104.60	

* - Machine Failure ADT Estimated

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-7

ROUTE I-15 - North of Wolf Creek

TRAFFIC TYPE Interstate - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1,096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1962		Under	Construction										
1963	1,107	199	17.9	173	15.7	165	14.9	160	14.5	154	13.9	150	13.5
1964	1,121	203	18.1	184	16.4	174	15.5	168	15.0	166	14.8	165	14.7
1965	1,188	209	17.6	184	15.5	172	14.5	165	13.9	160	13.5	155	13.0
1966	1,274	251	19.7	199	15.6	183	14.4	178	14.0	174	13.7	171	13.4
1967													
1968													
1969													
1970													
Average	1,053	195	18.5	168	16.0	157	14.9	151	14.3				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8-A
 LOCATION US 93 - 0.5 miles south of Ravalli

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Montana Pass Cars 74.5 % Foreign Pass Cars 13.1 %

Commercial 12.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	1459	1334	1313	1349	1516	1680	1423	1436	1433	100.21	63.32
February	1649	1308	1456	1416	1607	1772	1737	1563	1512	103.37	68.92
March	1967	1520	1529	1518	1729	1885	1945	1714	1630	105.15	75.57
April	2508	1859	1752	1765	1914	2208	2247	2049	1914	107.05	90.34
May	3075	2307	2001	1878	2103	2430	2743	2372	2145	110.58	104.59
June	3391	2627	2469	2467	2620	2903	2853	2747	2610	105.25	121.12
July	4199	3635	3137	3018	3071	3594	3803	3530	3305	106.81	155.64
August	3918	3154	2974	2940	3208	3490	3488	3283	3136	104.69	144.75
September	2870	2638	2324	2256	2423	2697	2872	2581	2476	104.24	113.80
October	2614	1953	1969	2010	2303	2420	2477	2259	2122	106.46	99.60
November	2041	1810	1771	1889	1989	2165	2000	1944	1916	101.46	85.72
December	1457	1776	1779	1747	1740	1864	1762	1738	1783	97.48	76.63
Daily average for year	2596	2160	2039	2021	2185	2426	2446	2268	2165	104.76	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-8

ROUTE US 93 South of Ravalli

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1,811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1962	1,845	422	22.9	314	17.0	296	16.0	284	15.4	271	14.7	263	14.3
1963	1,906	581	30.5	333	17.5	293	15.4	282	14.8	269	14.1	262	13.7
1964	2,033	581	28.6	376	18.5	343	16.9	328	16.1	319	15.7	308	15.2
1965	2,148	442	20.6	359	16.7	343	16.0	331	15.4	316	14.7	310	14.4
1966	2,268	436	19.2	372	16.4	348	15.3	336	14.8	325	14.3	317	14.0
1967													
1968													
1969													
1970													
Average	1,837	481	26.2	323	17.6	296	16.1	284	15.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9-A

YEAR 1966

LOCATION I-15 - 7.0 miles west of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montano Pass Cors 77.4 %

Foreign Pass Cors 11.2 %

Commercial 11.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Doy of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
Jonuory	2570	2794	2735	2406	2539	3169	2658	2675	2704	98.93	64.47
Februory	3345	3088	3165	3012	3213	3669	3274	3252	3229	100.71	78.38
Morch	3676	3543	3373	3065	3294	3931	3648	3479	3415	101.87	83.85
April	4063	3977	3639	3576	3733	4477	3996	3944	3909	100.90	95.05
Moy	4802	4483	4028	3922	4119	4844	4724	4419	4277	103.32	106.50
June	5466	4896	4672	4597	4618	5307	4902	4902	4799	102.15	118.14
July	5634	5453	5249	5042	5064	6045	5771	5499	5403	101.78	132.53
August	5765	5582	5254	5087	5250	5915	5765	5497	5403	101.74	132.48
September	4713	4681	4338	4151	4236	4987	5091	4600	4491	102.43	110.86
October	4610	4149	3960	3906	4072	4793	4568	4308	4174	103.21	103.83
November	3774	3734	3457	3545	3400	4187	4162	3735	3650	102.33	90.02
December	2943	3559	3518	3447	3373	3881	3557	3481	3562	97.73	83.89
Daily average for year	4280	4162	3949	3813	3909	4600	4343	4149	4085	101.57	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-9

ROUTE I-15 & US 89 west of Great Falls

TRAFFIC TYPE Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A. D. T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3,613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1962	4,092	800	19.6	490	12.0	474	11.6	454	11.1	442	11.1	436	10.7
1963	3,779	684	18.1	478	12.6	454	12.0	434	11.5	417	11.0	409	10.8
1964	3,526	684	19.4	532	15.1	478	13.6	456	12.9	448	12.7	434	12.3
1965	4,029	648	16.1	505	12.5	483	12.0	470	11.7	465	11.5	455	11.3
1966	4,149	704	17.0	542	13.1	524	12.6	493	11.9	484	11.7	473	11.4
1967													
1968													
1969													
1970													
Average	3,525	641	18.2	461	13.1	434	12.3	416	11.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10-A
 LOCATION US 2 - 2.0 miles east of Wolf Point

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Montana Pass Cars 64.2 %
 Foreign Pass Cars 19.1 %

Commercial 16.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	1005	1331	1264	1245	1336	1375	1264	1254	1311	95.65	73.51
February	1159	1399	1431	1400	1314	1479	1348	1362	1405	96.94	79.84
March	1287	1439	1441	1344	1341	1507	1506	1405	1408	99.79	82.36
April	1392	1483	1348	1408	1460	1560	1601	1472	1456	101.10	86.29
May	1767	1829	1794	1772	1873	1930	1945	1840	1837	100.16	107.86
June	2061	2197	2171	2157	2136	2130	2175	2147	2157	99.54	125.85
July	2371	2290	2389	2221	2216	2379	2417	2332	2303	101.26	136.70
August	2072	2302	2191	2203	2248	2321	2279	2231	2250	99.16	130.78
September	1589	1662	1671	1654	1821	1924	1884	1752	1758	99.66	102.70
October	1402	1613	1581	1625	1665	1669	1683	1602	1630	98.28	93.91
Navember	1369	1477	1426	1568	1564	1647	1773	1543	1532	100.72	90.45
December	1152	1489	1542	1573	1568	1697	1626	1531	1579	96.96	89.75
Daily average for year	1552	1709	1687	1681	1712	1801	1792	1706	1719	99.24	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-10

ROUTE US 2 - East of Wolf Point

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1,347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1962	1,453	295	20.3	178	12.3	167	11.5	163	11.2	161	11.1	157	10.8
1963	1,532	319	20.8	201	13.1	180	11.7	176	11.5	170	11.1	164	10.7
1964	1,546	319	20.6	229	14.8	209	13.5	194	12.5	181	11.7	177	11.4
1965	1,592	350	22.0	209	13.1	196	12.3	190	11.9	186	11.7	182	11.4
1966	1,706	290	17.0	211	12.4	204	12.0	197	11.5	192	11.3	189	11.1
1967													
1968													
1969													
1970													
Average	1,383	281	20.3	189	13.7	170	12.3	162	11.7				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11-A

YEAR 1966

LOCATION I-90 - 6.0 miles west of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 66.4 %

Foreign Pass Cars 20.7 %

Commercial 12.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3994	3857	3688	3603	3559	4326	3800	3837	3809	100.74	70.61
February	4613	4000	3799	3746	3982	4614	4412	4166	4028	103.43	76.67
March	5085	4205	3794	3687	3723	4401	4590	4166	3932	105.95	76.67
April	5041	4652	4348	4192	4376	4940	4816	4652	4539	102.49	85.61
May	6135	6301	5012	4690	4846	5676	5899	5477	5251	104.30	100.79
June	7834	6412	6228	6568	6298	7014	7135	6766	6505	104.01	124.51
July	8429	7514	6648	6577	6805	7667	7702	7441	7144	104.16	136.93
August	8378	7003	6622	6530	6643	7552	7298	7132	6886	103.57	131.25
September	6932	6071	5495	5460	5785	6418	6716	6124	5869	104.34	112.70
October	6016	5146	5023	5029	5392	6073	6032	5550	5324	104.24	102.13
November	5426	4841	4442	4735	4815	5380	5402	4978	4819	103.30	91.61
December	4645	4887	4836	4814	4663	5312	5179	4919	4910	100.18	90.52
Daily average for year	6044	5407	4995	4969	5074	5781	5748	5434	5251	103.49	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-11

ROUTE I-90 West of Billings

TRAFFIC TYPE Interstate - Rural

YEAR	A.D.T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2,913	564	19.4	423	14.5	388	13.3	370	12.7				
1961				Under Construction									
1962	4,289	541	12.6	500	11.7	475	11.1	465	10.8	446	10.4	440	10.3
1963	4,699	571	12.2	532	11.3	516	11.0	502	10.7	493	10.5	498	10.6
1964	4,914	581	11.8	556	11.3	531	10.8	523	10.6	518	10.5	510	10.4
1965	5,226	758	14.5	612	11.7	586	11.2	572	10.9	565	10.8	540	10.3
1966	5,434	708	13.0	630	11.6	609	11.2	591	10.9	576	10.6	568	10.5
1967													
1968													
1969													
1970													
Average	4,579	621	13.6	542	11.8	518	11.3	504	11.0				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12-A

YEAR 1966

LOCATION US 87 and Montana 20 - 6.0 miles west of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 77.5 %

Foreign Pass Cars 12.6 %

Commercial 9.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	935	1076	1032	1064	1062	1284	958	1052	1102	95.46	72.76
February	1117	1083	1137	1280	1247	1402	1279	1220	1230	99.19	84.38
March	1207	1192	1157	1193	1168	1324	1204	1203	1202	100.08	83.20
April	1338	1294	1214	1271	1334	1538	1359	1343	1340	100.22	92.89
May	1637	1450	1380	1449	1367	1563	1575	1488	1439	103.41	102.92
June	1916	1599	1605	1591	1613	1807	1796	1697	1639	103.54	117.37
July	2010	1880	1715	1778	1737	1981	1880	1864	1826	102.08	128.92
August	1923	1846	1788	1845	1792	1947	1868	1855	1841	100.76	128.30
September	1671	1622	1530	1565	1518	1762	1723	1628	1603	101.56	112.60
October	1557	1434	1389	1497	1432	1683	1704	1532	1484	103.23	105.96
November	1291	1277	1193	1346	1216	1402	1488	1313	1285	102.18	90.81
December	897	1134	1167	1190	1149	1323	1176	1155	1196	96.57	79.89
Daily average for year	1458	1407	1359	1422	1386	1454	1501	1446	1432	100.98	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-12

ROUTE US 87 & Montana 20 West of
Lewistown
 TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1,491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1962	1,778	235	13.2	218	12.3	210	11.8	205	11.5	202	11.5	198	11.1
1963	1,648	253	15.4	240	14.6	222	13.5	212	12.9	205	12.4	199	12.1
1964	1,466	240	16.4	225	15.3	213	14.5	207	14.1	200	13.6	196	13.4
1965	1,463	247	16.9	182	12.4	172	11.8	165	11.3	163	11.1	160	10.9
1966	1,446	214	14.8	187	12.9	172	11.9	168	11.6	162	11.2	159	11.0
1967													
1968													
1969													
1970													
Average	1,418	215	15.2	189	13.3	178	12.6	172	12.1				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13-A

YEAR 1966

LOCATION US 191 - 7.0 miles north of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 82.3 %

Foreign Pass Cars 7.8 %

Commercial 9.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	787	927	880	893	810	997	843	874	903	96.79	78.23
February	937	896	962	1031	980	1171	1033	1001	1008	99.31	89.60
March	963	1057	999	1008	958	1115	984	1010	1022	98.83	90.40
April	1056	1082	992	1072	1051	1210	1086	1083	1087	99.63	96.93
May	1175	1083	1109	1131	1061	1232	1100	1128	1122	100.54	100.96
June	1433	1180	1170	1201	1212	1245	1186	1228	1199	102.42	109.91
July	1417	1335	1214	1331	1211	1397	1299	1320	1302	101.38	118.15
August	1279	1231	1209	1222	1242	1347	1202	1244	1245	99.92	111.35
September	1402	1211	1146	1175	1055	1289	1221	1216	1181	102.96	108.84
October	1284	1234	1193	1291	1148	1305	1278	1249	1234	101.22	111.79
November	1052	996	1069	1180	1044	1182	1236	1110	1097	101.19	99.35
December	795	913	965	1008	914	1078	921	944	977	96.62	84.49
Daily average for year	1132	1095	1076	1129	1057	1214	1116	1117	1115	100.18	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-13

ROUTE US 191 North of Lewistown

TRAFFIC TYPE Secondary - rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A. D. T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1,239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1962	1,419	225	15.9	196	13.8	189	13.3	186	13.1	184	13.0	179	12.6
1963	1,274	233	18.3	195	15.3	180	14.1	168	13.2	159	12.5	153	12.0
1964	1,150	233	20.3	201	17.5	185	16.1	172	15.0	163	14.2	159	13.8
1965	1,134	203	17.9	161	14.2	145	12.8	140	12.3	138	12.2	135	11.9
1966	1,117	166	14.9	146	13.1	136	12.2	132	11.8	130	11.6	128	11.5
1967													
1968													
1969													
1970													
Average	1,106	198	17.9	165	14.9	153	13.8	146	13.2				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14-A
 LOCATION FAS 278 - 4.0 miles southwest of Dillon

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 81.6 %

Foreign Pass Cars 4.0 %

Commercial 14.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	250	199	167	165	182	204	194	196	184	106.52	65.50
February	257	187	182	171	173	197	249	202	182	110.99	67.50
March	275	196	190	181	188	229	225	210	195	107.69	70.18
April	293	271	229	248	263	283	263	265	260	101.92	88.55
May	415	360	324	342	343	356	330	354	345	102.61	118.30
June	418	350	325	338	345	358	333	352	343	102.62	117.63
July	502	416	352	342	354	374	414	397	368	107.88	132.67
August	489	371	342	339	355	369	361	373	355	105.07	124.64
September	448	408	304	284	290	340	380	348	324	107.41	116.29
October	392	317	277	294	287	325	342	322	301	106.98	107.60
November	371	307	266	294	290	325	349	312	295	105.76	104.26
December	334	247	244	210	266	254	258	260	247	105.26	86.88
Daily average for year	370	302	266	267	278	301	308	299	383	105.65	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-14

ROUTE FAS 278 Southwest of Dillon

TRAFFIC TYPE Secondary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1962	303	279	92.1	142	46.9	53	17.5	48	15.8	47	15.5	45	14.8
1963	319	68	21.3	59	18.5	53	16.6	50	15.7	48	15.0	48	15.0
1964	314	70	22.3	61	19.4	57	18.2	54	17.2	52	16.6	51	16.2
1965	293	68	23.2	51	17.4	48	16.4	46	15.7	45	15.4	44	15.0
1966	299	61	20.4	50	16.7	48	16.1	47	15.7	45	15.1	44	14.7
1967													
1968													
1969													
1970													
Average	304	104	34.2	69	22.7	51	16.8	48	15.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15-A
 LOCATION Montana 20 - 4.0 miles northeast of Bonner

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Montana Pass Cars 66.2 % Foreign Pass Cars 10.6 %

Commercial 23.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	973	948	915	896	942	1093	926	955	958	99.69	66.23
February	993	1008	974	1003	1015	1203	970	1024	1040	98.46	71.01
March	1139	983	917	903	960	1173	951	996	979	101.74	69.07
April	1352	1060	929	905	1018	1246	1142	1100	1042	105.57	76.28
May	2053	1478	1159	1131	1208	1504	1772	1481	1298	114.10	102.71
June	2552	1611	1509	1482	1610	1888	1927	1780	1613	110.35	123.44
July	2911	2162	1847	1786	1826	2276	2457	2216	1993	111.19	153.68
August	2738	1797	1729	1698	1747	2087	2206	1975	1803	109.54	136.96
September	1984	2028	1437	1423	1456	1684	1869	1675	1583	105.81	116.16
October	1821	1326	1291	1260	1381	1635	1523	1471	1376	106.90	102.01
November	1546	1344	1514	1627	1645	2114	1595	1652	1682	98.22	114.56
December	*							979	1019	96.07	67.89
Daily average for year	1824	1431	1293	1283	1346	1628	1576	1442	1366	105.56	

* - Counter Removed Due To Construction

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-15

ROUTE Montana 20 - Northeast of Bonner

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A. D. T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1,231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1962	1,297	294	22.7	254	19.6	239	18.4	224	17.3	217	16.7	209	16.1
1963	1,263	277	21.9	251	19.6	241	19.1	230	18.2	223	17.7	220	17.4
1964	1,302	277	21.3	258	19.8	249	19.1	243	18.7	236	18.1	234	18.0
1965	1,539	326	21.2	289	18.8	273	17.7	261	17.0	253	16.4	245	15.9
1966	1,442	299	20.7	272	18.9	256	17.8	247	17.1	235	16.3	227	15.7
1967													
1968													
1969													
1970													
Average	1,195	278	23.3	237	19.8	224	18.7	214	17.9				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16-A

YEAR 1966

LOCATION U.S. 10 & 91 - 3.0 miles west of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 85.3 %

Foreign Pass Cars 4.2 %

Commercial 10.5 %

Month	Average Daily Number of Vehicles								Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average	
	Day of Week							Average Day			Average Weekday
								Sunday thru Saturday			Monday thru Friday
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	4490	4091	3941	4049	4036	4587	4381	4234	4138	102.32	69.90
February	4925	3971	4325	4295	4178	4817	4995	4495	4317	104.12	74.21
March	5866	4585	4459	4408	4784	5662	5891	5041	4749	106.15	83.22
April	5977	5321	5031	5114	5430	5925	5815	5540	5391	102.76	91.46
May	7645	6313	5981	5818	6020	6742	6804	6491	6172	105.17	107.16
June	6718	7731	7213	7121	7232	7538	7858	7597	7346	103.42	125.42
July	9209	8424	7907	7845	7863	8544	8398	8338	8116	102.74	137.66
August	9364	7862	7694	7676	7798	8325	8341	8112	7854	103.28	133.93
September	7823	6547	6057	6022	6406	6877	7193	6700	6406	104.59	110.61
October	6443	5467	5478	5428	5641	6322	6251	5680	5657	103.94	97.08
November	5802	4985	4930	5116	5104	5876	6051	5383	5186	103.80	88.87
December	4538	4653	4766	4626	4718	5273	5366	4875	4825	101.04	80.48
Daily average for year	6733	5829	5648	5626	5767	6374	6442	6057	5846	103.61	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-16

ROUTE I-90 & I-15 West of Butte

TRAFFIC TYPE _____

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4,495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1962	4,906	680	13.9	612	12.5	587	12.0	580	11.8	574	11.7	564	11.5
1963	5,114	719	14.1	650	12.7	633	12.4	622	12.2	613	12.0	604	11.8
1964	5,252	822	15.7	671	12.8	657	12.5	648	12.3	637	12.1	632	12.0
1965	5,680	741	13.0	702	12.4	685	12.1	670	11.8	662	11.7	658	11.6
1966	6,057	838	13.8	745	12.3	715	11.8	702	11.6	696	11.5	692	11.4
1967													
1968													
1969													
1970													
Average	5,251	737	14.0	654	12.5	633	12.1	623	11.9				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17-A
 LOCATION I-15 - 0.5 miles north of Lima

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 43.7 %

Foreign Pass Cars 34.8 %

Commercial 21.5 %

Month	Average Daily Number of Vehicles								Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average	
	Day of Week							Average Day			Average Weekday
								Sunday thru Saturday			Manday thru Friday
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	525	492	485	506	450	524	516	501	491	102.04	67.30
February	542	470	503	510	488	520	518	507	498	101.81	68.11
March	621	488	536	570	544	589	599	562	546	102.93	75.50
April	693	594	608	623	636	715	654	649	639	101.56	87.18
May	791	677	659	627	612	728	848	706	661	106.81	94.84
June	1076	833	783	813	829	889	1015	886	828	107.00	119.02
July	1029	973	880	892	869	1060	1103	979	938	104.37	131.51
August	1139	903	893	911	950	1049	1148	990	936	105.77	132.99
September	1051	1029	786	811	841	933	1058	922	874	113.50	133.26
October	820	760	734	777	762	855	836	793	776	102.19	106.53
Navember	740	688	774	766	743	800	742	753	757	99.47	101.15
December	460	564	627	639	684	711	609	615	645	95.35	82.61
Daily average far year	791	706	689	704	701	781	804	744	716	103.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-17

ROUTE I-15 - North of Lima

TRAFFIC TYPE Interstate - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1962	567	170	29.9	83	14.6	74	13.1	71	12.5	69	12.2	67	11.8
1963	626	102	16.3	90	14.4	82	13.1	79	12.6	78	12.5	77	12.3
1964	643	123	19.1	95	14.8	86	13.8	85	13.6	83	12.9	81	12.6
1965	673	128	19.0	96	14.3	89	13.2	85	12.6	82	12.2	80	11.9
1966	744	181	24.3	102	13.7	98	13.2	93	12.5	91	12.2	89	12.0
1967													
1968													
1969													
1970													
Average	641	132	20.6	90	14.0	84	13.1	80	12.5	78	12.2	77	12.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18-A
 LOCATION US 20 and 191 - 5.0 miles west of West Yellowstone

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Montana Pass Cars _____ % Foreign Pass Cars _____ %

Commercial _____ %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON.	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	403	296	347	353	382	374	356	356	345	103.19	30.65
February	410	290	361	351	346	370	389	360	344	104.65	31.00
March	534	308	353	335	342	369	388	372	342	108.77	32.03
April	650	390	417	436	457	461	506	474	433	109.47	40.81
May	1462	1023	794	703	708	851	1277	988	828	119.32	85.07
June	2497	2018	2058	2003	1924	2027	2261	2103	2002	105.04	181.07
July	3739	3205	2785	2759	2740	2801	3397	3085	2855	108.06	265.62
August	3256	2635	2582	2682	2765	2864	3160	2828	2696	104.90	243.50
September	1955	1550	1267	1239	1368	1460	1877	1523	1380	110.36	131.13
October	966	698	745	798	793	830	915	824	769	107.15	70.95
November	585	525	542	589	494	585	548	553	548	100.91	47.62
December	395	470	494	465	484	514	473	471	485	97.11	40.55
Daily average for year	1404	1117	1062	1059	1067	1125	1296	1161	1086	106.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-18

ROUTE US 20 & 191 west of
West Yellowstone
 TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962				Under Construction									
1963	999	291	29.1	261	26.1	251	25.1	238	23.8	230	23.0	225	22.5
1964	1,110	401	36.1	334	30.1	322	29.0	310	27.9	304	27.4	297	26.8
1965	1,167	371	31.8	318	27.2	298	25.5	278	23.8	271	23.2	266	22.8
1966	1,161	379	32.6	317	27.3	299	25.8	284	24.5	274	23.6	266	22.9
1967													
1968													
1969													
1970													
Average	1,109	361	32.6	308	27.8	293	26.4	278	25.1	270	24.3	264	23.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19
 LOCATION U. S. 191 7.7 miles North of West Yellowstone

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 33.2 %

Foreign Pass Cars 37.7 %

Commercial 14.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	327	311	271	294	312	342	319	312	306	101.96	30.12
February	511	391	424	411	424	474	456	441	425	103.76	42.58
March	595	429	450	407	453	497	472	468	446	104.93	45.18
April	635	512	484	495	507	556	559	537	513	104.68	51.85
May	1,070	815	706	673	690	824	1,139	847	743	114.00	81.78
June	1,888	1,649	1,692	1,593	1,665	1,534	1,766	1,680	1,627	103.26	162.20
July	2,969	2,756	2,569	2,558	2,574	2,557	2,723	2,680	2,601	103.04	258.75
August	2,641	2,302	2,373	2,343	2,418	2,466	2,492	2,424	2,375	102.06	234.03
September	1,656	1,373	1,149	1,168	1,279	1,279	1,531	1,343	1,252	107.27	129.67
October	815	661	703	763	719	773	828	753	721	104.44	72.70
November	541	442	465	512	439	481	520	486	469	103.62	46.92
December	369	456	475	474	493	489	438	458	478	95.82	44.22
Daily average for year	1,168	1,008	980	974	998	1,023	1,104	1,036	996	104.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-19

ROUTE US 191 - North of West
Yellowstone
 TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A. D. T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1962	1,041	325	31.2	295	28.3	280	26.9	273	26.2	269	26.2	265	25.5
1963	904	291	32.2	243	26.9	234	25.9	227	25.1	221	24.4	216	23.9
1964					Under Construction								
1965					Under Construction								
1966	1,036	326	31.5	266	25.7	247	23.8	239	23.1	235	22.7	230	22.2
1967													
1968													
1969													
1970													
Average	946	307	32.5	256	27.1	243	25.7	236	24.9	230	24.3	227	24.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20-A
 LOCATION US 89 - 17.0 miles north of Gardiner

YEAR 1966

Mantana Pass Cars 51.6 %

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Foreign Pass Cars 40.4 %

Commercial 8.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	254	206	173	225	203	242	242	222	210	105.71	37.56
February	293	198	214	205	210	250	279	235	215	109.30	39.76
March	396	227	199	201	207	274	349	258	219	117.81	43.65
April	415	249	225	262	272	331	396	311	271	114.76	52.62
May	651	522	395	400	427	506	663	510	451	113.08	86.28
June	1139	957	988	965	923	956	1004	987	956	103.24	166.98
July	1589	1513	1441	1482	1464	1434	1481	1488	1465	101.57	251.74
August	1508	1297	1303	1297	1408	1388	1381	1362	1334	102.10	230.42
September	909	786	630	632	703	728	869	749	698	107.31	126.72
October	480	349	373	415	368	462	503	423	391	108.18	71.56
November	310	230	250	268	285	313	324	281	268	104.85	47.54
December	233	253	249	271	256	289	306	267	264	101.14	45.17
Daily average far year	681	566	537	552	560	598	650	591	562	105.16	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-20

ROUTE US 89 - North of Gardiner

TRAFFIC TYPE Primary - Recreational

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				Under	Construction								
1962				Under	Construction								
1963	496	141	28.4	116	23.4	114	23.0	111	22.4	109	22.0	107	21.6
1964	509	165	32.4	132	25.9	125	24.6	121	23.8	119	23.4	117	23.0
1965	564	160	28.4	140	24.8	133	23.6	128	22.7	125	22.2	124	22.0
1966	591	180	30.5	149	25.2	137	23.2	132	22.3	130	22.0	129	21.8
1967													
1968													
1969													
1970													
Average	540	162	30.0	134	24.8	127	23.5	123	22.8	121	22.4	119	22.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21-A
 LOCATION Montana Avenue in Helena

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars _____%

Foreign Pass Cars _____%

Commercial _____%

Month	Average Daily Number of Vehicles								Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average	
	Day of Week							Average Day			Average Weekday
								Sunday thru Saturday			Monday thru Friday
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	7228	9124	9197	8977	9520	10736	9703	9161	9492	96.51	84.37
February	7787	9304	9402	9274	9679	11084	10929	9637	9749	98.85	88.75
March	8593	9585	9887	9892	10452	11948	11918	10301	10317	99.84	94.87
April	8731	10321	10341	10574	11105	12508	11571	10823	11043	98.01	99.68
May	9686	10554	11233	11341	11741	13226	12711	11401	11553	98.68	105.00
June	9902	12222	12118	12184	12234	13427	12614	12114	12425	97.50	111.57
July	9512	12355	12345	12459	12703	13489	12206	12066	12641	95.45	111.12
August	9507	11914	11719	11844	12125	12902	11878	11711	12065	97.07	107.85
September	8842	10441	11182	11090	11557	12670	11907	11166	11454	97.49	102.83
October	8138	10829	10913	10836	11472	12712	12083	10935	11327	96.54	100.71
November	7609	10159	10371	10606	9709	11279	11649	10217	10431	97.95	94.10
December	7457	9988	10988	10937	10951	12315	11991	10766	11090	97.08	99.15
Daily average for year	8582	10566	10808	10834	11104	12418	11763	10858	11132	97.54	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-21

ROUTE US 191 & 12 Bypass Montana
Avenue, Helena
 TRAFFIC TYPE Primary - Urban

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7,971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1962	8,263	979	11.8	899	10.9	867	10.5	861	10.4	848	10.3	841	10.2
1963	8,371	951	11.4	887	10.6	854	10.2	831	9.9	814	9.7	803	9.6
1964	9,664	1,145	11.5	1,060	11.0	1,022	10.6	1,010	10.5	995	10.3	986	10.2
1965	10,702	1,238	11.6	1,120	10.5	1,100	10.3	1,086	10.1	1,064	9.9	1,059	9.9
1966	10,858	1,209	11.1	1,160	10.7	1,127	10.4	1,111	10.2	1,102	10.1	1,092	10.1
1967													
1968													
1969													
1970													
Average	9,305	1,067	11.5	995	10.7	967	10.4	954	10.3	940	10.1	931	10.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-22-A
 LOCATION Grand Avenue in Billings

YEAR 1966

Montana Pass Cars _____ %

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Foreign Pass Cars _____ %

Commercial _____ %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	10849	14991	14831	14556	14463	17290	14162	14378	15270	94.16	87.85
February	12658	16149	15287	15184	15369	17546	18969	15880	15907	99.83	97.03
March	13285	16186	15950	15072	15333	17611	18906	15991	15955	100.23	97.70
April	13123	16882	16312	16259	17147	19480	20436	17282	17324	99.76	105.59
May	14533	16679	17785	17584	18605	21786	21773	18307	18535	98.77	111.85
June	13401	18622	17543	17787	18357	20509	19642	17916	18423	97.25	109.46
July								*16949	*17631	96.13	103.56
August	12020	17096	16510	16330	15883	17859	17029	16156	16724	96.60	98.71
September	11828	14596	16447	15988	16303	18892	18522	16183	16550	97.78	98.88
October	11991	15863	15223	15476	15706	18395	19171	15946	16120	98.92	97.43
November	11045	15234	14467	15034	13154	17734	17953	14933	15091	98.95	91.24
December	12319	15472	17053	16287	15556	18159	19568	16482	16537	99.67	100.70
Daily average for year	12459	16160	16128	15960	15989	18660	18739	16367	16672	98.17	

* Average Daily Traffic Estimated

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-22

ROUTE Grand Avenue, Billings

TRAFFIC TYPE Arterial City Street

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	12,955	1,750	13.5	1,591	12.3	1,541	11.9	1,506	11.6	1,490	11.5	1,470	11.3
1962	14,712	2,009	13.7	1,820	12.4	1,755	11.9	1,699	11.5	1,645	11.2	1,619	11.0
1963	14,779	2,189	14.8	1,759	11.9	1,707	11.6	1,642	11.1	1,610	11.0	1,596	10.8
1964				Under Construction									
1965				Under Construction									
1966	16,367	2,015	12.3	1,849	11.3	1,773	10.8	1,733	10.6	1,709	10.4	1,689	10.3
1967													
1968													
1969													
1970													
Average	14,703	1,991	13.5	1,755	11.9	1,694	11.5	1,645	11.2	1,614	11.0	1,594	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23-A
 LOCATION FAS 241 - 2.5 miles north of Harlem

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 68.1 %

Foreign Pass Cars 6.4 %

Commercial 25.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	175	238	220	189	179	233	199	205	213	96.24	75.93
February	221	280	237	260	243	256	236	247	255	96.86	91.48
March	251	256	246	224	263	307	286	260	257	101.17	96.31
April	272	289	259	261	274	289	323	282	275	102.55	104.44
May	269	267	275	286	282	301	285	280	281	99.64	103.70
June	309	278	291	265	283	288	287	285	280	101.79	105.56
July	272	278	270	271	297	306	276	282	285	98.95	104.44
August	276	344	350	352	322	365	327	335	347	96.54	124.07
September	274	282	272	278	289	338	352	299	294	101.70	110.74
October	273	290	292	281	287	322	356	300	294	102.04	111.11
November	189	243	262	261	277	249	262	251	260	96.54	92.96
December	150	208	219	222	216	226	242	214	219	97.72	79.26
Daily average for year	244	271	266	262	268	290	286	270	250	108.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-23

ROUTE FAS 241 North of Harlem

TRAFFIC TYPE Secondary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1962				Under	Construction								
1963	244	44	18.0	38	15.6	34	13.9	32	13.1	31	12.7	30	12.3
1964				Under	Construction								
1965	272	57	21.0	46	16.9	43	15.8	40	14.7	38	14.0	37	13.6
1966	270	48	17.8	39	14.4	38	14.1	37	13.7	36	13.3	36	13.3
1967													
1968													
1969													
1970													
Average	248	47	19.0	39	15.7	37	14.9	35	14.1	33	13.3	33	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24-A

YEAR 1966

LOCATION US 2 - 1.3 miles west of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montano Pass Cars 68.6 %

Foreign Pass Cars 15.1 %

Commercial 16.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	1155	1303	1263	1299	1323	1454	1289	1293	1327	97.44	71.11
February	1282	1377	1376	1387	1365	1518	1423	1391	1406	98.93	76.51
March	1444	1285	1331	1291	1309	1510	1484	1369	1336	102.47	75.29
April	1676	1463	1415	1463	1531	1571	1657	1544	1493	103.42	84.92
May	2038	1835	1706	1713	1717	1874	1900	1829	1769	103.39	100.59
June	2143	2077	1990	2013	2074	2132	2031	2064	2056	100.39	113.52
July	2675	2572	2518	2446	2428	2637	2595	2561	2526	101.39	140.86
August	2600	2391	2303	2338	2352	2575	2522	2431	2386	101.89	133.71
September	2253	2095	1972	1845	1922	2150	2201	2061	2000	103.05	113.36
October	2143	1920	1858	1899	1901	2268	2175	2029	1967	103.15	111.60
November	2066	1662	1759	1693	1798	1990	2030	1484	1775	104.11	101.64
December	1203	1404	1451	1415	1363	1531	1398	1398	1434	99.49	76.89
Daily average for year	1890	1782	1745	1733	1756	1934	1892	1818	1789	101.62	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-24

ROUTE US 2 West of Kalispell

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1962	1,516	228	19.0	191	12.6	185	12.2	182	12.0	181	12.0	179	11.8
1963	1,561	214	13.7	199	12.7	191	12.2	184	11.8	183	11.7	180	11.5
1964	1,508	230	15.3	206	13.7	201	13.3	195	12.9	191	12.7	188	12.5
1965	1,662	223	13.4	209	12.6	202	12.2	199	12.0	196	11.8	193	11.6
1966	1,818	258	14.2	227	12.5	214	11.8	211	11.6	209	11.5	206	11.3
1967													
1968													
1969													
1970													
Average	1,587	229	14.4	204	12.9	196	12.4	192	12.1	189	11.9	187	11.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25-A

YEAR 1966

LOCATION I-94 - 6.8 miles east of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 32.7 %

Foreign Pass Cars 46.6 %

Commercial 20.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	982	896	899	838	870	964	947	916	893	102.58	66.89
February	1058	909	887	926	877	1016	974	950	923	102.93	69.38
March	1177	934	990	983	971	999	1162	1026	976	105.12	74.93
April	1355	1177	1117	1151	1267	1253	1347	1242	1196	103.85	90.70
May	1445	1201	1218	1306	1325	1338	1410	1317	1271	103.62	96.18
June	2028	1762	1720	1659	1766	1736	1999	1803	1727	104.40	131.67
July	2239	1976	1967	2027	2048	2131	2216	2097	2035	103.05	153.14
August	2432	2012	1922	1930	2013	2070	2209	2071	1985	104.33	151.24
September	1634	1403	1344	1345	1515	1663	1708	1530	1479	103.45	111.73
October	1428	1187	1270	1252	1354	1534	1529	1366	1313	104.04	99.76
November	1140	944	1045	1092	1021	1112	1220	1081	1045	103.44	78.94
December	950	938	1016	1006	1006	1144	1126	1033	1027	100.58	75.44
Daily average for year	1489	1278	1283	1293	1336	1413	1487	1369	1323	103.48	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-25

ROUTE I-94 East of Wibaux

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1962				Under Construction									
1963	1,211	243	20.1	150	12.4	140	11.6	136	11.2	133	11.0	130	10.7
1964				Under Construction									
1965	1,307	232	17.8	168	12.9	160	12.2	156	11.9	154	11.8	150	11.5
1966	1,369	230	16.8	182	13.3	175	12.8	171	12.5	167	12.2	164	12.0
1967													
1968													
1969													
1970													
Average	1,230	235	19.1	168	13.7	156	12.7	151	12.2	146	11.9	143	11.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-26-A
 LOCATION U.S. 2 - 0.1 mile east of Bainville

YEAR 1966

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Montana Pass Cars 48.7 %
 Foreign Pass Cars 33.4 %

Commercial 17.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	479	575	550	519	583	538	525	537	554	96.93	73.24
February	474	523	552	506	574	579	599	544	547	99.45	74.20
March	588	627	635	601	574	576	656	608	603	100.83	82.93
April	675	659	636	625	674	709	724	675	663	101.81	92.07
May	819	696	660	669	678	728	751	716	686	104.37	97.66
June	842	851	852	793	825	788	842	826	821	100.61	112.66
July	1078	1119	1039	1001	999	974	998	1028	1024	100.39	140.21
August	1009	996	1027	1004	992	1025	1057	1015	1009	100.59	138.44
September	936	852	755	707	772	813	885	816	781	104.48	111.30
October	667	669	661	671	742	747	727	697	696	100.14	95.07
November	608	638	630	683	706	726	740	674	675	99.85	91.93
December	497	625	663	691	750	695	679	662	688	96.22	90.29
Daily average for year	723	736	722	706	739	742	765	733	729	100.55	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-26

ROUTE US 2 East of Bainville

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	729	170	23.3	106	14.5	96	13.2	93	12.8	90	12.3	88	12.1
1962	784	177	22.6	128	16.3	124	15.8	120	15.3	118	15.1	117	14.9
1963	753	187	24.8	109	14.5	101	13.4	96	12.9	95	12.6	93	12.4
1964	753	187	24.8	117	15.5	104	13.8	101	13.4	99	13.1	96	12.9
1965	783	143	18.3	122	15.6	113	14.4	108	13.8	104	13.3	101	12.9
1966	733	139	19.0	109	14.9	97	13.2	93	12.7	91	12.4	90	12.3
1967													
1968													
1969													
1970													
Average	756	167	22.1	115	15.2	106	14.0	102	13.5	100	13.2	98	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27-A

YEAR 1966

LOCATION US - 191 - 1.5 miles south of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars _____%

Foreign Pass Cars _____%

Commercial _____%

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Doily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	165	173	175	141	146	191	141	161	165	97.58	61.88
February	170	153	167	161	161	232	144	170	175	97.14	65.34
March	245	163	164	157	188	234	176	188	180	104.44	72.26
April	279	246	202	201	222	278	200	233	232	100.43	89.56
May	367	288	250	244	222	372	309	294	275	106.91	113.01
June	545	293	270	303	313	378	340	346	311	111.25	132.99
July	378	309	277	293	271	364	299	319	310	102.90	122.61
August	361	323	316	297	314	369	328	328	322	101.86	126.07
September	353	351	292	254	261	374	325	316	307	102.93	121.46
October	343	272	268	260	270	365	342	304	286	106.29	116.85
Navember	299	227	220	272	238	282	249	255	248	102.82	98.02
December	144	221	199	223	215	257	191	208	224	92.86	79.95
Daily average for year	304	252	233	234	235	308	254	260	253	102.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-27

ROUTE US 191 Robinson Bridge

TRAFFIC TYPE Primary - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1962	219	57	26.0	46	21.0	41	18.7	39	17.8	38	17.4	36	16.4
1963	251	95	37.8	54	21.5	43	17.1	42	16.7	40	15.9	39	15.5
1964	263	135	51.3	87	33.8	76	28.9	71	27.0	61	23.2	58	22.1
1965	244	68	27.9	51	20.9	45	18.4	43	17.6	41	16.8	40	16.4
1966	260	122	46.9	58	22.3	51	19.6	48	18.5	46	17.7	44	16.9
1967													
1968													
1969													
1970													
Average	240	101	42.1	61	25.4	51	21.3	48	20.0	44	18.3	43	17.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28-A

YEAR 1966

LOCATION Interstate Frontage Road - 7.0 miles west of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars _____%

Foreign Pass Cars _____%

Commercial _____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	145	130	129	132	135	150	135	137	136	100.74	53.80
February	196	152	151	156	147	193	189	170	161	105.59	66.75
March	234	196	242	183	200	275	250	225	219	102.74	88.35
April	310	249	209	202	240	264	296	255	234	108.97	100.13
May	313	262	230	241	260	287	307	271	255	106.27	106.41
June	297	239	239	237	256	256	270	256	246	104.07	100.52
July	337	311	293	279	283	321	346	312	298	104.70	122.51
August	422	339	343	340	337	381	362	359	347	103.46	140.97
September	338	316	283	295	308	340	302	313	310	100.97	122.91
October	311	302	295	280	291	331	354	309	298	103.69	121.34
November	263	219	224	220	222	248	330	245	226	108.41	96.21
December	186	203	195	219	186	213	223	204	203	100.49	80.10
Daily average for year	279	243	236	232	239	272	280	255	244	104.51	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-28

ROUTE Vaughn Interstate Frontage

TRAFFIC TYPE Frontage Road

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1962	241	55	22.8	44	18.3	41	17.0	39	16.2	37	15.4	36	14.9
1963	183	52	35.0	38	20.8	34	18.6	33	18.0	32	17.5	31	16.9
1964	170	54	31.8	42	24.7	37	21.8	35	20.6	34	20.0	33	19.4
1965	204	61	29.9	41	20.1	36	17.6	34	16.7	33	16.2	32	15.7
1966	255	111	43.5	43	16.9	41	16.1	39	15.3	38	14.9	37	14.5
1967													
1968													
1969													
1970													
Average	218	74	33.9	47	21.6	42	19.3	40	18.3	38	17.4	37	17.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29-A

YEAR 1966

LOCATION Interstate Frontage Road - 6.0 miles west of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 85.2 %

Foreign Pass Cars 0.6 %

Commercial 14.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	980	946	896	854	856	1037	900	926	919	100.76	75.06
February	1165	1106	1001	1097	1098	1150	1134	1107	1090	101.56	89.73
March	1395	1131	1051	1035	985	1159	1256	1133	1066	106.29	91.84
April	1386	1158	1088	1126	1133	1330	1318	1227	1175	104.43	99.46
May	1560	1280	1141	1167	1193	1323	1439	1303	1220	106.80	105.62
June	1675	1299	1242	1270	1293	1382	1458	1368	1296	105.56	110.89
July	1542	1337	1281	1314	1317	1474	1498	1405	1351	104.00	113.89
August	1595	1321	1286	1328	1280	1425	1459	1378	1326	103.92	111.70
September	1484	1366	1250	1249	1259	1431	1494	1361	1314	103.58	110.32
October	1370	1205	1185	1216	1190	1434	1414	1292	1244	103.86	104.73
November	1188	1042	1172	1100	1150	1260	1280	1168	1144	102.10	94.68
December	1086	1115	1159	1124	1040	1205	1211	1136	1128	100.71	92.08
Daily average for year	1369	1192	1146	1157	1149	1301	1322	1234	1189	103.78	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-29

ROUTE Billings Interstate Frontage

TRAFFIC TYPE Frontage Road

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				Under Construction									
1962	1,269	194	15.3	183	14.4	171	13.5	162	12.8	158	12.5	154	12.1
1963	1,500	279	18.6	221	14.7	211	14.1	203	13.5	196	13.1	193	12.9
1964	1,423	279	19.6	221	15.5	212	14.9	208	14.6	202	14.2	197	13.8
1965	1,153	205	17.8	149	12.9	136	11.8	133	11.5	131	11.4	128	11.1
1966	1,234	226	18.3	151	12.2	147	11.9	142	11.5	139	11.3	136	11.0
1967													
1968													
1969													
1970													
Average	1,316	237	18.0	185	14.1	175	13.3	170	12.9	165	12.5	162	12.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30-A

YEAR 1966

LOCATION I-90 - 0.9 miles west of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.6 %

Foreign Pass Cars 47.1 %

Commercial 15.3 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day af Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	1002	954	961	966	944	1070	1005	986	978	100.82	54.11
February	1049	897	932	932	1009	1115	1028	995	977	101.84	54.61
March	1193	1021	1067	1102	1085	1267	1153	1123	1105	101.63	61.63
April	1526	1301	1298	1260	1333	1527	1467	1397	1356	103.02	76.67
May	1676	1552	1467	1365	1435	1858	1945	1609	1533	104.96	88.31
June	2661	2469	2329	2240	2443	2760	3026	2546	2438	104.43	139.73
July	3145	3129	2915	2884	2935	3463	3556	3157	3065	103.00	173.26
August	3302	3029	2960	2889	3029	3590	3527	3167	3081	102.79	173.81
September	2410	2271	2033	2105	2226	2572	2586	2320	2256	102.84	127.33
October	1940	1652	1604	1733	1769	2110	1945	1824	1768	103.17	100.11
Navember	1735	1325	1341	1512	1416	1586	1538	1489	1435	103.76	81.72
December	1088	1271	1213	1219	1258	1443	1226	1252	1287	97.28	68.72
Daily average for year	1893	1739	1677	1684	1740	2030	2000	1822	1773	102.76	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-30

ROUTE I-90 West of Superior

TRAFFIC TYPE Interstate - Rural

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				Under Construction									
1962	1,487	362	24.3	320	21.5	307	20.6	302	30.3	297	20.0	292	19.6
1963	1,511	256	16.9	227	15.0	216	14.3	209	13.8	205	13.6	202	13.4
1964	1,643	315	19.2	244	14.9	236	14.5	231	14.1	223	13.6	220	13.4
1965	1,669	288	17.3	241	14.4	233	14.0	227	13.6	225	13.5	223	13.4
1966	1,822	313	17.2	272	14.9	257	14.1	253	13.9	249	13.7	243	13.3
1967													
1968													
1969													
1970													
Average	1,626	307	18.9	261	16.1	250	15.4	244	15.0	240	14.8	236	14.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31-A
 LOCATION I-94 - 7.8 miles west of Miles City

YEAR 1966

Mantana Pass Cars 52.6 %

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Foreign Pass Cars 31.0 %

Commercial 16.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	936	1105	1163	1091	1125	1235	1009	1090	1146	95.11	62.69
February	1156	1110	1150	1101	1073	1299	1106	1145	1151	99.48	65.86
March	1278	1266	1304	1214	1211	1407	1227	1269	1275	99.53	72.99
April	1566	1441	1437	1377	1514	1682	1510	1510	1499	100.73	86.85
May	1756	1659	1598	1502	1579	1886	1864	1690	1643	102.86	97.21
June	2504	2394	2287	2192	2292	2427	2521	2365	2311	102.34	136.03
July	2559	2515	2536	2561	2575	2793	2646	2604	2605	99.96	149.78
August	2588	2592	2574	2499	2592	2725	2572	2588	2591	99.88	148.86
September	1958	1953	1930	1871	2039	2187	2100	2012	2006	100.30	115.73
October	1745	1659	1712	1682	1846	1991	1791	1176	1772	99.94	101.86
November	1479	1336	1417	1526	1375	1561	1535	1462	1446	101.11	84.09
December	1147	1334	1368	1332	1358	1522	1392	1357	1388	97.77	78.05
Daily average far year	1723	1697	1706	1662	1715	1893	1773	1739	1736	100.17	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-31

ROUTE I-94 West of Miles City

TRAFFIC TYPE Interstate-Foreign and
Recreational

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	1,655	213	12.9	198	12.0	186	11.4	187	11.3	184	11.1	183	11.0
1964	1,643	256	15.6	210	12.8	203	12.4	199	12.1	196	11.9	193	11.7
1965	1,652	261	15.8	210	12.7	202	12.2	197	11.9	193	11.7	190	11.5
1966	1,739	251	14.4	220	12.7	213	12.2	207	11.9	203	11.7	201	11.6
1967													
1968													
1969													
1970													
Average	1,672	245	14.7	210	12.6	201	12.0	198	11.8	194	11.6	192	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32-A

YEAR 1966

LOCATION On 25th Street North between 4th and 5th Avenue, Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars _____ %

Foreign Pass Cars _____ %

Commercial _____ %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	3228	4580	4541	4387	4650	5080	4629	4413	4644	95.03	88.98
February	3768	4928	4967	4952	5320	5716	5453	5015	5177	96.87	101.12
March	4028	5169	5141	5007	5320	5580	5597	5124	5232	97.94	103.31
April	4129	5298	5304	5149	5316	5646	5852	5292	5380	98.36	106.70
May	3980	4910	5005	5187	5342	5460	5860	5060	5160	98.06	102.02
June	4156	5349	5298	5383	5664	5670	5726	5334	5477	97.39	107.55
July	3785	4518	4996	5190	5301	5757	5313	4977	5181	96.06	100.35
August	3887	5073	5065	5081	5145	5477	5242	5003	5156	97.03	100.87
September	3598	4424	4746	4782	5040	5389	5399	4798	4907	97.78	96.74
October	3394	4797	4704	4706	4865	5418	5247	4709	4893	96.24	94.95
November	3131	4730	4814	4872	4379	5018	5112	4597	4770	96.37	92.69
December	3935	4832	5194	5308	5153	5757	5878	5194	5268	78.60	104.72
Daily average for year	3752	4884	4982	5000	5125	5497	5442	4960	5104	97.18	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-32

ROUTE 25th Street N. in Great Falls

TRAFFIC TYPE City Arterial

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	4,767	659	13.8	579	12.1	559	11.7	546	11.5	543	11.4	535	11.2
1964	4,883	717	14.7	621	12.7	572	11.7	563	11.5	559	11.4	552	11.3
1965	5,314	725	13.6	598	11.3	584	11.0	573	10.8	567	10.7	560	10.5
1966	4,960	716	14.4	575	11.6	546	11.0	534	10.8	529	10.7	526	10.6
1967													
1968													
1969													
1970													
Average	4,981	704	14.1	593	11.9	565	11.3	554	11.1	550	11.0	543	10.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33-A

YEAR 1966

LOCATION On 10th Avenue South between 9th & 10th St. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN
 Montana Pass Cars _____ %
 Foreign Pass Cars _____ %

Commercial _____ %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	14967	20752	20065	19686	20577	23450	20579	19890	20899	95.17	87.42
February	16581	20596	21125	20702	21805	24115	23456	21197	21669	97.81	93.17
March	17439	21203	21058	20183	21459	23948	24112	21300	21483	99.15	93.62
April	17388	22085	21259	22044	22451	25348	24449	22358	22807	98.03	98.27
May	20193	23687	22495	22935	23769	26729	26778	23679	23908	99.04	104.07
June	19089	25029	24003	24579	25205	26158	25072	24218	24995	96.89	106.44
July	19213	22528	24653	24979	25730	27727	24866	24213	25247	95.90	106.42
August	19931	25594	24586	24537	25318	27337	26214	24828	25439	97.60	109.12
September	18134	23202	22512	22173	23811	25551	25115	23114	23655	97.71	101.59
October	17779	24320	23651	23374	24569	27277	26585	23836	24623	96.80	104.76
November	16346	22767	22169	22610	21685	25296	25455	22336	22858	97.72	98.17
December	15978	20678	22435	22824	22349	24544	24342	22059	22646	97.41	96.95
Daily average for year	17730	22703	22501	22552	23227	25623	24752	22752	23352	97.43	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-33

ROUTE 10th Avenue S. in Great Falls

TRAFFIC TYPE Primary - Urban

YEAR	A.D.T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	23,096	2,488	10.8	2,375	10.3	2,296	9.9	2,248	9.7	2,211	9.6	2,185	9.5
1966	22,752	2,296	10.1	2,199	9.7	2,174	9.6	2,123	9.3	2,100	9.2	2,074	9.1
1967													
1968													
1969													
1970													
Average	22,924	2,392	10.4	2,287	10.0	2,235	9.7	2,190	9.6	2,156	9.4	2,130	9.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34-A

YEAR 1966

LOCATION US 12 - 0.6 miles west of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 44.1 %

Foreign Pass Cars 37.9 %

Commercial 18.0 %

Manth	Average Daily Number af Vehicles									Percent the Average Day is af the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day af Week							Average Day	Average Weekday		
								Sunday thru Saturday	Manday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	161	155	174	177	181	183	174	171	173	98.84	55.97
February	171	192	184	204	189	217	178	190	196	96.94	62.19
March	182	201	196	158	183	208	170	185	188	98.40	60.56
April	231	227	225	225	267	251	251	240	240	100.00	78.56
May	309	295	286	294	297	340	325	306	301	101.66	100.16
June	537	447	433	411	446	485	529	467	443	105.42	152.87
July	525	443	468	458	483	547	536	498	483	103.11	163.01
August	473	449	458	444	454	484	469	461	457	100.88	150.90
September	358	342	336	349	386	403	393	369	366	100.82	120.79
Octaber	339	327	327	315	338	364	343	336	334	100.60	109.98
November	250	214	213	227	231	271	281	240	231	103.90	78.56
December	170	187	182	219	207	239	209	203	208	97.60	66.45
Daily average far year	309	290	291	290	305	333	321	306	302	101.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-34

ROUTE US 12 West of Ingomar

TRAFFIC TYPE Primary

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	299	63	21.1	53	17.7	50	16.7	48	16.1	47	15.7	45	15.1
1966	306	70	22.9	54	17.6	52	17.0	48	15.7	47	15.4	45	14.7
1967													
1968													
1969													
1970													
Average	303	67	22.1	54	17.8	51	16.8	48	15.8	47	15.5	45	14.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35-A

YEAR 1966

LOCATION I-90 - Frontage Road - 11 miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars _____%

Foreign Pass Cars _____%

Commercial _____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	161	182	195	165	168	206	155	175	183	95.63	81.71
February	171	187	177	182	179	204	197	185	186	99.46	86.38
March	202	182	186	168	197	206	226	194	187	103.74	90.58
April	264	245	251	232	221	245	288	250	239	104.60	116.73
May	254	217	212	208	221	192	242	222	211	105.21	103.66
June	254	228	237	249	247	255	275	249	244	102.05	116.27
July	247	270	271	234	233	282	252	256	259	98.84	119.53
August	257	245	230	226	226	239	233	236	233	101.29	110.20
September	226	212	209	203	215	226	250	220	213	103.29	102.72
October	222	209	204	181	192	222	256	214	202	105.94	99.92
November	190	187	188	199	181	198	212	193	191	101.05	90.12
December	191	170	167	164	164	188	183	176	171	102.92	82.18
Daily average for year	220	211	211	201	195	222	234	214	210	101.90	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-35

ROUTE Turah Interstate Frontage

TRAFFIC TYPE Frontage Road

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	166	41	24.7	31	18.7	28	16.9	27	16.3	26	15.7	25	15.1
1966	214	45	21.0	34	15.9	32	15.0	31	14.5	29	13.6	29	13.6
1967													
1968													
1969													
1970													
Average	190	43	22.6	33	17.4	30	15.8	29	15.3	28	14.7	27	14.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36-A

YEAR 1966

LOCATION US 2 - 0.5 miles west of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars _____%

Foreign Pass Cars _____%

Commercial _____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	375	357	327	336	314	408	344	354	352	100.57	39.15
February	534	379	375	383	364	411	384	404	382	105.76	44.67
March	654	438	409	406	454	564	511	488	455	107.25	53.96
April	945	684	601	618	625	779	683	703	661	106.35	77.74
May	1255	972	805	818	784	993	1022	956	876	109.13	105.71
June	1585	1278	1256	1241	1229	1278	1292	1303	1254	103.91	144.09
July	2182	1915	1679	1607	1623	1829	1966	1845	1735	106.34	204.02
August	1938	1560	1543	1505	1570	1694	1634	1625	1569	103.57	179.69
September	1439	1236	1015	1003	1003	1194	1277	1162	1091	106.51	128.49
October	960	843	840	871	840	942	974	899	866	103.81	99.41
November	664	584	573	630	593	716	660	629	618	101.78	69.55
December	502	515	487	444	441	512	490	484	480	100.83	53.52
Daily average for year	1086	899	826	822	820	943	936	904	862	104.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-36

ROUTE US 2 - West of Browning

TRAFFIC TYPE Primary-Recreational

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	904	231	25.6	193	21.3	174	19.2	168	18.6	165	18.3	161	17.8
1967													
1968													
1969													
1970													
Average													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37-A

YEAR 1966

LOCATION South of Orange Street Bridge - Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montano Pass Cors %

Foreign Pass Cars %

Commercial %

Month	Average Daily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Doily Average
	Doy of Week							Average Day	Average Weekday		
								Sunday thru Saturday	Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	7378	11947	11138	11752	11783	12864	10568	10955	11899	92.07	93.63
February	7303	10782	11830	11421	11569	13320	11539	11061	11717	94.40	94.53
Morch	5897	8523	9181	9492	9506	9721	8660	8743	9253	94.49	74.72
April	9044	14984	14526	14221	14447	16204	13838	13926	14877	93.61	119.02
May	8717	13321	13892	13919	14920	15719	13330	13265	14286	92.85	113.37
June	8003	13659	14097	14245	13300	14377	11539	12814	13921	92.05	109.51
July	7534	11523	12938	12751	12824	14075	11070	11727	12882	91.03	100.22
August	7632	13392	12677	12470	12892	14025	11202	12119	13059	92.80	103.58
September	7367	10659	13001	12384	12545	13695	11113	11642	12516	93.02	99.50
October	7338	12397	12048	11972	12543	13738	12192	11640	12533	92.87	99.48
November	7007	12292	11864	11961	10741	12615	10654	11078	11896	93.12	94.68
December	7013	11205	12431	12056	12027	13209	11521	11439	12225	93.57	97.76
Daily average for year	7519	12054	12469	12387	12424	13630	11436	11701	12572	93.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-37

ROUTE South of Orange St. Bridge
Missoula
 TRAFFIC TYPE City Arterial

YEAR	A. D. T.	HIGHEST HOUR		10th		20th		30th		40th		50th	
		VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	12572	1418	11.3	1347	10.7	1318	10.5	1296	10.3	1273	10.1	1259	10.0
1967													
1968													
1969													
1970													
Average													

